

SEQUENCE LISTING

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Cowgill, Cynthia
Bolesch, Doug
Gustafson, Mark

<120> Improved Method of Purifying TFPI and TFPI Analogs

<130> 012441.00050

<150> US 60/494,546

<151> 2003-08-13

<150> US 60/509,277

<151> 2003-10-08

<150> US 60/512,199

<151> 2003-10-20

<160> 44

<170> FastSEQ for Windows Version 4.0

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<212> PRT

<213> Homo sapiens

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		20						25					30		
Gly	Pro	Cys	Lys	Ala	Ile	Met	Lys	Arg	Phe	Phe	Phe	Asn	Ile	Phe	Thr
		35					40					45			
Arg	Gln	Cys	Glu	Glu	Phe	Ile	Tyr	Gly	Gly	Cys	Glu	Gly	Asn	Gln	Asn
	50					55					60				
Arg	Phe	Glu	Ser	Leu	Glu	Glu	Cys	Lys	Lys	Met	Cys	Thr	Arg	Asp	Asn
65				70						75				80	
Ala	Asn	Arg	Ile	Ile	Lys	Thr	Thr	Leu	Gln	Gln	Glu	Lys	Pro	Asp	Phe
			85					90					95		
Cys	Phe	Leu	Glu	Glu	Asp	Pro	Gly	Ile	Cys	Arg	Gly	Tyr	Ile	Thr	Arg
		100					105					110			
Tyr	Phe	Tyr	Asn	Asn	Gln	Thr	Lys	Gln	Cys	Glu	Arg	Phe	Lys	Tyr	Gly
		115					120					125			
Gly	Cys	Leu	Gly	Asn	Met	Asn	Asn	Phe	Glu	Thr	Leu	Glu	Glu	Cys	Lys
	130					135					140				

Asn Ile Cys Glu Asp Gly Pro Asn Gly Phe Gln Val Asp Asn Tyr Gly
 145 150 155 160
 Thr Gln Leu Asn Ala Val Asn Asn Ser Leu Thr Pro Gln Ser Thr Lys
 165 170 175
 Val Pro Ser Leu Phe Glu Phe His Gly Pro Ser Trp Cys Leu Thr Pro
 180 185 190
 Ala Asp Arg Gly Leu Cys Arg Ala Asn Glu Asn Arg Phe Tyr Tyr Asn
 195 200 205
 Ser Val Ile Gly Lys Cys Arg Pro Phe Lys Tyr Ser Gly Cys Gly Gly
 210 215 220
 Asn Glu Asn Asn Phe Thr Ser Lys Gln Glu Cys Leu Arg Ala Cys Lys
 225 230 235 240
 Lys Gly Phe Ile Gln Arg Ile Ser Lys Gly Gly Leu Ile Lys Thr Lys
 245 250 255
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 260 265 270
 Val Lys Asn Met
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<400> 2
 Asp Glu Glu His Thr Ile Ile Thr
 1 5

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<400> 3
 Glu Glu Ile Phe Val Lys Asn Met
 1 5

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 Cys Arg Ala Asn Glu Asn Arg Phe Tyr Tyr Asn Ser Val Ile Gly Lys
 20 25 30
 Cys Arg Pro Phe Lys Tyr Ser Gly Cys Gly Gly Asn Glu Asn Asn Phe
 35 40 45
 Thr Ser Lys Gln Glu Cys Leu Arg Ala Cys Lys Lys Gly Phe Ile Gln
 50 55 60
 Arg Ile Ser Lys Gly Gly Leu Ile Lys Thr Lys Arg Lys Arg Lys Lys

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Asp Thr Glu Leu Pro Pro Leu Lys Leu Met His Ser Phe Cys Ala Phe
1 5 10 15
Lys Ala Asp Asp Gly Pro Cys Lys Ala Ile Met Lys Arg Phe Phe Phe
20 25 30
Asn Ile Phe Thr Arg Gln Cys Glu Glu Phe Ile Tyr Gly Gly Cys Glu
35 40 45
Gly Asn Gln Asn Arg Phe Glu Ser Leu Glu Glu Cys Lys Lys Met Cys
50 55 60
Thr Arg
65

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Arg Asp Asn Ala Asn Arg Ile
1 5

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Lys Gln Cys Glu Arg Phe
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Lys Met Cys Thr Arg Asp
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Lys Ala Ile Met Lys Arg
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Lys Gln Glu Cys Leu Arg Ala
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Arg Gly Tyr Ile Thr Arg Tyr
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Lys Gly Gly Leu Ile Lys Thr
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Lys Cys Arg Pro Phe Lys Tyr
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Lys Gly Phe Ile Gln Arg Ile
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Lys Lys Gly Phe Ile Gln Arg Ile
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Arg Phe Glu Ser Leu Glu Glu Cys Lys Lys
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<400> 23
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Arg Phe

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Arg Phe Tyr Tyr Asn Ser Val Ile Gly Lys Cys
1 5 10

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<212> PRT
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<400> 25
Lys Leu Met His Ser Phe Cys Ala Phe Lys Ala
1 5 10

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<400> 26
Lys Ile Ala Tyr Glu Glu Ile Phe Val Lys Asn
1 5 10

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<400> 27
Lys Asn Ile Cys Glu Asp Gly Pro Asn Gly Phe Gln Val Asp Asn Tyr
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Gly Thr Gln Leu Asn Ala Val Asn Asn Ser Leu Thr Pro Gln Ser Thr
20 25 30
Lys Val

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Lys Tyr Gly Gly Cys Leu Gly Asn Met Asn Asn Phe Glu Thr Leu Glu
1 5 10 15
Glu Cys Lys Asn
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 Ala Asp Ser Glu Glu Asp Glu Glu His Thr Ile Ile Thr Asp Thr Glu
 1 5 10 15
 Leu Pro Pro Leu Lys Leu
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 <210> 30
 <211> 23
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 1 5 10 15
 Asp Pro Gly Ile Cys Arg Gly
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 Lys Tyr Gly Gly Cys Leu Gly Asn Met Asn Asn Phe Glu Thr Leu Glu
 1 5 10 15
 Glu Cys Lys Asn Ile Cys Glu Asp Gly Pro Asn Gly Phe Gln Val Asp
 20 25 30
 Asn Tyr Gly Thr Gln Leu Asn Ala Val Asn Asn Ser Leu Thr Pro Gln
 35 40 45
 Ser Thr Lys Val
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 Lys Val Pro Ser Leu Phe Glu Phe His Gly Pro Ser Trp Cys Leu Thr
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 Pro Ala Asp Arg Gly
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 1 5 10

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 Pro Gly Ile Cys Arg
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 1 5 10 15
 Pro Gly Ile Cys Arg
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<400> 36
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 1 5 10 15
 Pro Gly Ile Cys Arg
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<400> 37
 Val Pro Ser Nva Phe Glu Phe His Gly Pro Ser Trp Cys Leu Thr Pro
 1 5 10 15
 Ala Asp Arg

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<400> 38

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Ala	Asp	Arg													

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Val	Pro	Ser	Leu	Phe	Glu	Phe	His	Gly	Pro	Ser	Trp	Cys	Leu	Thr	Pro
1				5					10					15	
Ala	Asp	Arg													

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Asp	Thr	Glu	Leu	Pro	Pro	Leu	Lys	Leu	Met	His	Ser	Phe	Cys	Ala	Phe
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Lys	Ala														

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<400> 41

Phe	Glu	Ser	Leu	Glu	Glu	Cys	Lys	Lys	Met	Cys	Thr	Arg
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<212> DNA

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<210> 43

<211> 1118

<212> DNA

<213> Homo sapiens

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tataggggaga	ccacaacggg	ttccctctag	aaataatttt	gtttaacttt	aagaaggaga	180
tatatccatg	gctgattctg	aagaagatga	agaacatact	attatcactg	atactgaact	240
gccaccgctg	aaactgatgc	attcattttg	tgcattcaag	gcggaacgac	gcccgtgcaa	300
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tgggggatgt	gaaggaaatc	agaatcgatt	tgagtccttc	gaagaatgca	agaagatgtg	420
caccgcgcac	aacgcaaaca	ggattataaa	gacaacattg	caacaagaaa	agccagattt	480
ctgctttttg	gaagaagatc	ctggaatatg	tcgaggttat	attaccaggt	atatttataa	540
caatcagaca	aaacagtgtg	aacgtttcaa	gtatgggtga	tgccctgggca	atatgaacaa	600
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attgtgtcgt	gccaatgaga	acagattcta	ctacaattca	gtcattggga	aatgccgccc	840
atttaagtac	agtggatgtg	ggggaaatga	aaacaatttt	acttccaaac	aagaatgtct	900
gagggcatgt	aaaaaagggt	tcatccaaag	aatatcaaaa	ggaggcctaa	ttaaaaccaa	960
aagaaaaaga	aagaagcaga	gagtgaaaat	agcatatgaa	gaaatttttg	ttaaaaatat	1020
gtaataaaaag	cttatcgatg	ataagctgtc	aaacatgaga	attcgatatc	aacgcaacga	1080
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catgaagcgc	ttcttcttca	acatcttcac	tcgtcagtcg	gaagaattta	tatatggggg	180
atgtgaagga	aatcagaatc	gatttgagtc	cctcgaagaa	tgcaagaaga	tgtgcacccg	240
cgacaacgca	aacaggatta	taaagacaac	attgcaacaa	gaaaagccag	atctctgctt	300
tttggaaaga	gatcctggaa	tatgtcgagg	ttatattacc	aggtattttt	ataacaatca	360
gacaaaacag	tgtgaacggt	tcaagtatgg	tggatgcctg	ggcaatatga	acaattttga	420
gacactggaa	gaatgcaaga	acattttgtg	agatgggtccg	aatggtttcc	aggtggataa	480
ttatggaacc	cagctcaatg	ctgtgaataa	ctccctgact	ccgcaatcaa	ccaaggttcc	540
cagccttttt	gaatttcacg	gtccctcatg	gtgtctcact	ccagcagaca	gaggattgtg	600
tcgtgccaat	gagaacagat	tctactacaa	ttcagtcatt	gggaaatgcc	gcccatttaa	660
gtacagtggg	tgtgggggaa	atgaaaacaa	ttttacttcc	aaacaagaat	gtctgagggc	720
atgtaaaaaa	ggtttcatcc	aaagaatatc	aaaaggaggc	ctaattaaaa	ccaaaagaaa	780
aagaaagaag	cagagagtga	aaatagcata	tgaagaat	tttgttaaaa	atat	834